

NM EQIP FY 2006 Ranking Criteria Worksheet - Irrigated Cropland - Estancia F.O.

Applicant _____ Farm No. _____ Tract No. _____ CMS Field No's. _____ Date _____

Tribal Land_____ Non-Tribal Land_____ Preliminary_____ Final_____

1. Water Quantity - 100 Potential Points (40% of Total)

Irrigation Efficiency - Use FIRS to evaluate. Benchmark & After points equal actual % efficiency times any multiplier. Total equals after minus benchmark pts.			Potential Points	Benchmark Points	After Points
% Efficiency	% of Area in Contract before Treatment	% of Area in Contract After Treatment			
			100		
Use Exact FIRS Percentage					
1. Water Quantity			Total		

2. Water Quality - 50 Potential Points (20% of Total)

A. Surface Water Pollutants - 15 Maximum Points			
There is a probability that runoff water from irrigated fields contains sediment, salt, pesticides, and/or nutrients (or other associated chemicals). Treatment is needed to prevent these pollutants from entering live waters, or re-entering a shared irrigation system. Points will be awarded based on distance from the end of the field to the nearest live waters or re-entry point into a shared system. If there is no run-off, after points will be 0.			
Distance of Surface Run-Off to Live Water	Potential Points	Benchmark Points	After Points
<100 Feet	15	0	
101 - 500 Ft.	12	0	
501 - 1,320 Ft.	10	0	
1,321 - 2,640 Ft.	5	0	
>2,640 Feet	2	0	
A. Surface Water	Total	0	
B. Ground Water Pollutants - 35 Maximum Points			
There is a probability that irrigation water containing salt, pesticides, and/or other nutrients (or other associated chemicals) is leaching into the ground water. Treatment is needed to prevent these pollutants from contaminating ground water, through leaching and/or direct flow into wells. Points will be awarded based on depth to the water table or elimination of any direct discharge to ground water (regardless of depth to the water table).			
Depth to Water Table	Potential Points	Benchmark Points	After Points
1 - 10 Ft or elimination of any direct discharge into ground water.	35		
10 - 50 Ft.	25		
50 -100 Ft.	10		
>100 Ft.	5		
B. Ground Water			
2. Water Quality	Total		

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3. Selected Conservation Practice(s) - 75 Potential Points (30% of Total)

Any practice used in the ranking criteria and intended to be included in the conservation schedule of operations must be cost-shared or have an incentive payment. Higher priority (value) should be given to those practices which address multiple resource concerns, are cost effective, and have longer life spans. Select resource concerns from NM Quality Criteria Guide.	Potential Points	Percent of Need to be Installed	After Points
Soil/Air Concerns			
<i>(Irrigation Induced erosion)</i> Irrigation Land Leveling (464)	4		
<i>(Irrigation Induced erosion)</i> Irrigation System - Sprinkler (442)	5		
<i>(Wind Erosion)</i> Windbreak/Shelterbelt Establishment (380)	6		
Water Quality Concerns (Ground Water Contamination)			
Irrigation Water Conveyance (430) - Irrigation Back Flow Valve	6		
Irrigation Water Conveyance (430 - Irr. Pipeline) or Irrigation System - Sprinkler (442)	4		
Structure for Water Control (587) - Irrigation Flow Meter	6		
Water Quantity Concerns (Inefficient Water Use on Irrigated Land)			
Flood to center pivot or lateral pivot with LEPA/LESA	5		
Sideroll Sprinkler to Center Pivot with LEPA/LESA	5		
Existing pivot conversion to LEPA/LESA	5		
Irrigation System - Trickle (441)	6		
Plant Concerns (Noxious & Invasive Weeds)			
Pest Management (595A) - Class A&B Noxious Weeds	8		
Animal Concerns			
<i>(Inadequate Water)</i> Water Facility (614)	3		
<i>(Inadequate Food, Cover, Shelter)</i> Tree & Shrub Establishment (612)	6		
<i>(Inadequate Food, Cover, Shelter)</i> Range Planting (550)	6		
3. Selected Conservation Practices	Total		

4. Other Considerations - 25 Potential Points (10% of Total)

Items A thru D are required. If there are other criteria the D.C. wants to recommend based on LWG advice, please include it as item E.	Potential Points	Benchmark Points	After Points
A. At risk species habitat will be enhanced. (List the species impacted)	25	0	
B. Treatment of this land could have a beneficial impact on a 303d listed stream segment.	N/A	0	
C. Treatment of this land could enhance the benefits of an active/planned section 309 project.	N/A	0	
D. The land is within a NMED designated Category I watershed.	N/A	0	
4. Other Considerations	Total	0	

Total Points (After minus Benchmark): Sec 1_____ Sec 2_____ Sec 3_____ Sec 4_____ Worksheet Total_____

Designated Conservationist _____

Date _____

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Attachment 4 of 8 to New Mexico Bulletin No. 300-4-03